

From: [MCCLINCY Matt](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Subject: RE: OSM Groundwater Pathway Assessment and TZW Monitoring document review
Date: 08/23/2006 12:51 PM

Eric,

I completely agree, and that is what is implied in OSM's report as they compare manganese levels at their site to available data from the Harbor.

Matt

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Wednesday, August 23, 2006 10:03 AM
To: MCCLINCY Matt
Cc: humphrey.chip@epamail.epa.gov; Jennifer Arthur; ANDERSON Jim M;
koch.kristine@epamail.epa.gov; Fuentes.Rene@epamail.epa.gov
Subject: RE: OSM Groundwater Pathway Assessment and TZW Monitoring
document review

Just a point of information - I have begun looking at the groundwater/TZW data and manganese is being detected in TZW in areas of groundwater discharge at concentrations above screening levels. We will need to understand the cause and implication of these detections on a broader scale than just OSM.

Eric

MCCLINCY Matt <MCCLINCY.Matt@eq.state.or.us>	To
08/23/2006 09:15 AM	Jennifer Arthur <jennifer.arthur@EILTD.net>
	cc
	ANDERSON Jim M <Jim.M.Anderson@state.or.us>, Rene Fuentes/R10/USEPA/US@EPA, Eric Blischke/R10/USEPA/US@EPA, Chip Humphrey/R10/USEPA/US@EPA, Kristine Koch/R10/USEPA/US@EPA
	Subject RE: OSM Groundwater Pathway Assessment and TZW Monitoring document review

Jennifer,

DEQ is not planning on providing OSM formal feedback on the document at this time. The document was prepared by OSM for EPA and partner consideration in response to DEQ's recommendation that EPA pursue TZW characterization for the manganese groundwater plume. DEQ made this recommendation to initiate a government team dialog on the manganese issue not only at OSM but in the context of the greater study area.

It is OSM's position that data from the recently constructed beach monitoring wells are representative of TZW data and that additional TZW work is not warranted. EPA is scheduling a meeting with the LWG for early September to further discuss TZW issues and potentially conducting TZW work at one or more of the "new sites" this fall. I would review the document in the context of preparing for the TZW meeting and provide any comments to the government team for consideration prior to the meeting. Rene Fuentes is the lead reviewer of the document for EPA, and I would ask that you check in with him to see if EPA has a different approach or is planning on providing comments on the document.

Based on the data presented in the OSM report, it is not clear to DEQ that upland control of the manganese groundwater plume is warranted. We are tracking it as a medium priority source to be reconsidered for active control once the manganese and other background metals issues are sorted out via the in-water RI. We would certainly be interested in any thoughts you have on the manganese fate and transport conceptual model presented by OSM in the report.

Matt McClincy

-----Original Message-----

From: Jennifer Arthur [mailto:jennifer.arthur@EILTD.net]
Sent: Tuesday, August 22, 2006 5:18 PM
To: MCCLINCY Matt
Subject: OSM Groundwater Pathway Assessment and TZW Monitoring
document review

Hi, Matt,

We (EI) have a copy of the OSM memorandum: groundwater pathway assessment at OSM and TZW monitoring. It is my understanding that we have the opportunity to review and submit comments on the document. (My background is in chemistry so I have some additional interest in taking a deeper look at the discussion of the metal aqueous geochemistry.) Is there a schedule or date by which you would like to see our comments?

Thank you,
Jennifer

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Jennifer Tonkin Arthur, Ph.D.  
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